

TABLE IIA

Plate	Test Article	Positive Control Article	Negative Control Article
1	6.5 mm	24.0 mm	0 mm
2	6.5 mm	23.5 mm	0 mm
3	6.5 mm	24.0 mm	0 mm

TABLE IIB

Plate		Test Article	Positive Control Article	Negative Control Article
Plate 1	<i>S. aureus</i>	6.5 mm	21.5 mm	0 mm
	<i>E. coli</i>	6.5 mm	27.0 mm	0 mm
	<i>P. aeruginosa</i>	6.5 mm	24.0 mm	0 mm
Plate 2	<i>S. aureus</i>	7.0 mm	23.5 mm	0 mm
	<i>E. coli</i>	6.5 mm	27.0 mm	0 mm
	<i>P. aeruginosa</i>	6.5 mm	23.5 mm	0 mm
Plate 3	<i>S. aureus</i>	6.5 mm	21.5 mm	0 mm
	<i>E. coli</i>	6.5 mm	25.0 mm	0 mm
	<i>P. aeruginosa</i>	6.5 mm	24.0 mm	0 mm

TABLE IIIA

***Staphylococcus epidermidis***

Dilution Factor	Plate 1	Plate 2	Mean	CFU/mL
$10^4$	6	8	7	$7 \times 10^5$
$10^3$	52	52	52	$5.2 \times 10^5$

Actual inoculum added:  $2.6 \times 10^4$

***Escherichia coli***

Dilution Factor	Plate 1	Plate 2	Mean	CFU/mL
$10^4$	151	146	148.5	$1.5 \times 10^7$
$10^3$	TNTC	TNTC	TNTC	N/A

Actual inoculum added:  $7.5 \times 10^5$

***Enterococcus faecium***

Dilution Factor	Plate 1	Plate 2	Mean	CFU/mL
$10^4$	251	273	262	$2.6 \times 10^7$
$10^3$	TNTC	TNTC	TNTC	N/A

Actual inoculum added:  $1.3 \times 10^6$

***Streptococcus pyogenes***

Dilution Factor	Plate 1	Plate 2	Mean	CFU/mL
$10^4$	59	73	66	$6.6 \times 10^6$
$10^3$	TNTC	TNTC	TNTC	N/A

Actual inoculum added:  $3.3 \times 10^5$

***Streptococcus aureus***

Dilution Factor	Plate 1	Plate 2	Mean	CFU/mL
$10^4$	63	54	58.5	$5.9 \times 10^7$
$10^3$	TNTC	TNTC	TNTC	N/A

Actual inoculum added:  $3 \times 10^5$

# TABLE II B

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## 6 Hours A0.3 *Staphylococcus epidermidis*

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	0	6	9	5	$5 \times 10^3$
1.0 mL	100	52	58	42	50.7	$5.1 \times 10^3$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 Hours Control 2 *Staphylococcus epidermidis*

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	22	14	11	15.6	$1.6 \times 10^4$
1.0 mL	100	86	68	53	69	$6.9 \times 10^3$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 Hours A0.3 *Escherichia coli*

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	TNTC	TNTC	TNTC	TNTC	TNTC
1.0 mL	100	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 Hours Control 2 *Escherichia coli*

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	6	11	9	8.67	$8.7 \times 10^3$
1.0 mL	100	41	53	42	45.3	$4.5 \times 10^3$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 Hours A0.3 *Enterococcus faecium*

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	78	42	138	86	$8.6 \times 10^4$
1.0 mL	100	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

TABLE III B

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**6 Hours Control 2 *Enterococcus faecium***

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	TNTC	TNTC	TNTC	TNTC	TNTC
1.0 mL	100	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

**6 Hours A0.3 *Streptococcus pyogenes***

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	29	36	43	36	$3.6 \times 10^4$
1.0 mL	100	91	117	109	106	$1.1 \times 10^4$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

**6 Hours Control 2 *Streptococcus pyogenes***

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	12	17	13	14	$1.4 \times 10^4$
1.0 mL	100	81	71	62	71	$7.1 \times 10^3$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

**6 Hours A0.3 *Staphylococcus aureus***

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	18	16	20	18	$1.8 \times 10^4$
1.0 mL	100	95	88	81	88	$8.8 \times 10^3$
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

**6 Hours Control 2 *Staphylococcus aureus***

Amount Plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.1 mL	1000	177	104	122	134.3	$1.3 \times 10^5$
1.0 mL	100	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## TABLE IV A

### Log Reduction Values for *Staphylococcus epidermidis*

Sample	Actual CFU	Log10	Log Reduction
Inoculum	$2.6 \times 10^4$	4.15	N/A
A0.3	$5.1 \times 10^3$	3.71	0.44
Control 2	$6.9 \times 10^3$	3.84	0.31

### Log Reduction Values for *Escherichia coli*

Sample	Actual CFU	Log10	Log Reduction
Inoculum	$7.5 \times 10^5$	5.88	N/A
A0.3	TNTC	N/A	N/A
Control 2	$4.5 \times 10^3$	3.65	2.23

### Log Reduction Values for *Enterococcus faecium*

Sample	Actual CFU	Log10	Log Reduction
Inoculum	$1.3 \times 10^5$	6.11	N/A
A0.3	$8.6 \times 10^4$	4.93	1.18
Control 2	TNTC	N/A	N/A

### Log Reduction Values for *Streptococcus pyrogenes*

Sample	Actual CFU	Log10	Log Reduction
Inoculum	$3.3 \times 10^5$	5.52	N/A
A0.3	$1.1 \times 10^4$	4.04	1.48
Control 2	$7.1 \times 10^3$	3.85	1.67

### Log Reduction Values for *Staphylococcus aureus*

Sample	Actual CFU	Log10	Log Reduction
Inoculum	$3 \times 10^5$	5.48	N/A
A0.3	$8.8 \times 10^3$	3.94	1.54
Control 2	$1.3 \times 10^5$	5.11	0.37

# TABLE IV B

## 6 hours *E. faecium* A0.3

Am unt plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01mL	$10^4$	43	39	30	37	$3.7 \times 10^5$
0.1 mL	$10^3$	TNTC	TNTC	TNTC	TNTC	TNTC
1.0 mL	$10^2$	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 hours *E. faecium* Control 2

Amount plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01 mL	$10^4$	24	55	63	47	$4.7 \times 10^5$
0.1 mL	$10^3$	TNTC	TNTC	TNTC	TNTC	TNTC
1.0 mL	$10^2$	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 hours *E. coli* A0.3

Amount plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01 mL	$10^4$	8	2	NOC	3	$3.0 \times 10^4$
0.1 mL	$10^3$	29	60	93	61	$6.1 \times 10^4$
1.0 mL	$10^2$	159	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 hours *E. coli* Control 2

Amount plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01 mL	$10^4$	57	40	60	52	$5.2 \times 10^5$
0.1 mL	$10^3$	TNTC	TNTC	153	TNTC	TNTC
1.0 mL	$10^2$	TNTC	TNTC	TNTC	TNTC	TNTC
10.0 mL	10	TNTC	TNTC	TNTC	TNTC	TNTC

## 6 hours *C. albicans* A0.3

Amount plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01 mL	$10^4$	NOC	NOC	NOC	NOC	NOC
0.1 mL	$10^3$	NOC	NOC	NOC	NOC	NOC
1.0 mL	$10^2$	NOC	NOC	7	2	$2.0 \times 10^2$
10.0 mL	10	33	37	65	45	$4.5 \times 10^2$

## 6 hours *C. albicans* Control 2

Amount plated	Dilution Factor	Replicate 1	Replicate 2	Replicate 3	Mean	Actual CFU/Test Article
0.01 mL	$10^4$	NOC	NOC	NOC	NOC	NOC
0.1 mL	$10^3$	NOC	NOC	NOC	NOC	NOC
1.0 mL	$10^2$	NOC	2	1	3	$3.0 \times 10^2$
10.0 mL	10	35	49	53	46	$4.6 \times 10^2$

### TABLE IV C

Log Reduction Values *E. faecium* Test Article and Control (0.01 mL Recovery)

Sample	Actual CFU/Test Article	Log <sub>10</sub>	Log Reduction
Inoculum	$2.8 \times 10^6$	6.45	N/A
A0.3	$3.7 \times 10^5$	5.57	0.88
Control 2	$4.7 \times 10^5$	5.67	0.78

Log Reduction Values *E. coli* Test Article and Control (0.1 mL Recovery)

Sample	Actual CFU/Test Article	Log <sub>10</sub>	Log Reduction
Inoculum	$1.2 \times 10^6$	6.08	N/A
A0.3	$6.1 \times 10^4$	4.79	1.29
Control 2	$5.2 \times 10^5$	5.72	0.36

Log Reduction Values *C. albicans* Test Article and Control (10 mL Recovery)

Sample	Actual CFU/Test Article	Log <sub>10</sub>	Log Reduction
Inoculum	$2.0 \times 10^6$	6.30	N/A
A0.3	$4.5 \times 10^2$	2.65	3.65
Control 2	$4.6 \times 10^2$	2.66	3.64